



TROPICAL CYCLONE BULLETIN NO. 27
Severe Tropical Storm "MARING" (KOMPASU)

Issued at 5:00 PM, 12 October 2021

Valid for broadcast until the next bulletin at 11:00 PM today

SEVERE TROPICAL STORM "MARING" ACCELERATES WHILE MOVING WESTWARD OVER THE WEST PHILIPPINE SEA.

Location of Center (4:00 PM)	
The center of Severe Tropical Storm "MARING" was estimated based on all available data over 505 km West of Calayan, Cagayan (18.7°N, 116.7°E) (outside the PAR)	
Intensity	
Maximum sustained winds of 100 km/h near the center, gustiness of up to 125 km/h , and central pressure of 975 hPa	
Present Movement	
Westward at 30 km/h	
Extent of Tropical Cyclone Winds	
Strong winds or higher extend outwards up to 800 km from the center	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 13 October 2021	18.8	114.3	755 km West of Calayan, Cagayan (outside the PAR)	110	STS	W 25
24-Hour Forecast 2:00 PM 13 October 2021	18.9	111.3	1,070 km West of Extreme Northern Luzon (outside the PAR)	110	STS	W 25
36-Hour Forecast 2:00 AM 14 October 2021	18.5	108.5	1,280 km West of Northern Luzon (outside the PAR)	95	STS	W 25

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
2 (Damaging gale-to storm-force winds prevailing or expected within 24 hours)	Batanes and Babuyan Islands	-	-
1 (Strong winds prevailing or expected within 36 hours)	The mainland Cagayan, the western portion of Isabela (Maconacon, San Pablo, Santa Maria, Cabagan, Santo Tomas, Delfin Albano, Quezon, Naguilian, Echague, Aurora, Ramon, Burgos, Tumauni, Cordon, San Mateo, Jones, Angadanan, San Manuel, San Agustin, Roxas, Benito Soliven, Mallig, City of Cauayan, Ilagan City, Luna, San Isidro, Quirino, Reina Mercedes, San Mariano, Alicia, Cabatuan, Gamu, City of Santiago, San Guillermo), Quirino, Nueva Vizcaya, Apayao, Abra, Kalinga, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Nueva Ecija, Pampanga, Tarlac, Zambales, and the northern portion of Bataan (Hermosa, Dinalupihan, Morong, Orani, Samal, Abucaay)	-	-
Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.			

Prepared by: SMRR

Checked by: JSG



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- Tonight through tomorrow morning, light to moderate with at times heavy rains are highly likely over Ilocos Region, Cordillera Administrative Region, Cagayan Valley, and Central Luzon. Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are highly likely** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps.
- Under the influence of the Southwest Monsoon enhanced by Severe Tropical Storm “MARING”, monsoon rains are possible over Metro Manila, MIMAROPA, and CALABARZON in the next 24 hours. For more information, refer to Weather Advisory #6 issued at 11:00 AM today and the 24-Hour Public Weather Forecast at 4:00 PM today.

Severe Winds

- Winds will continue to reach **gale-force to storm-force strength** within any of the areas where Tropical Cyclone Wind Signal (TCWS) #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- **Strong winds (strong breeze to near gale conditions)** with higher gusts will continue within any of the areas where TCWS #1 is currently in effect. This may generally bring up to very light damage to structures and vegetation.
- The expansive wind field of the severe tropical storm and the enhanced Southwest Monsoon will bring **gusty conditions reaching strong to gale-force in strength** over Visayas, Zamboanga del Norte, and the rest of Luzon in the next 24 hours.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, **rough to very rough seas (2.8 to 5.5 m)** will be experienced over the seaboard of areas where TCWS #2 and #1 are in effect. **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Severe Tropical Storm “MARING” and the enhanced Southwest Monsoon, **Gale Warning remains in effect** for the seaboard of Luzon (not under any TCWS) and the western seaboard of Visayas. For more information, refer to Gale Warning #10 issued at 5:00 PM today.
- **Moderate to rough seas (1.2 to 2.5 m)** will prevail over the remaining seaboard of the country. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

Severe Tropical Storm “MARING” exited the PAR at 11:00 AM today. The storm will continue moving westward and is likely to make landfall in the vicinity of Hainan, China tomorrow evening. Within the next 24 hours, the storm is forecast to gradually intensify reaching a peak intensity of 110 km/h prior to making landfall over Hainan Island.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless superseded by an intermediate bulletin the next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

Prepared by:  **SMRR**

Checked by:  **JSG**